

COPY

UNITED STATES ATOMIC ENERGY COMMISSION  
Washington, 25, D. C.

402550

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February 3, 1956

Dr. E. O. Lawrence, Director

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Dear Dr. Lawrence:

During the past series of nuclear tests at the Nevada Test Site and the Pacific Proving Ground, your Laboratory has been of great assistance in making certain radiological measurements of fallout. With the announced tests in the Pacific this spring we wish to request that you again participate in this monitoring program. We are planning to have about 10 AEC installations, 20 State and Federal Public Health Stations, and some 50 Weather Bureau points making collections and all of their data will become available for your use.

Specifically, the desired measurements are gamma dose rates at three feet above the ground and air concentrations. Any other data, such as rainwater concentrations, would be useful. The measurements should start about the middle of April and continue for two weeks after the end of the test series is announced. We would like reports made by telegraph or telephone when the air concentrations reach five times background values and/or when it would seem advisable to transmit other pertinent data on a priority basis. Routine information could be transmitted by mail. All correspondence should be directed to: Division of Biology and Medicine, Biophysics Branch, Atomic Energy Commission, Washington 25, D.C.

If you find it possible to participate in this monitoring program, will you please furnish me with the name, business and home address and phone number of the individual in your laboratory whom we may contact if the occasion arises.

Sincerely yours,

(s) C. L. Dunham, M.D. Director  
Division of Biology and Medicine

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DB said

Shot on

in time

4/1/56

4/1/56

was double on June 7: in his data.

D3 promised to do 4/56  
 of shot at PPG  
 as they occur in week  
 end coverage may be  
 established when indicated  
 for verification of 2: for 4/56  
 5/1: "458 was cancelled - now D-1"

Nuclear survey meter @ 3' above ground.

| Date | includes | "clicks"/min                                  |
|------|----------|---|
| 5/4  | 80       | 22 40-30-98                                   |
| 5/5  | 42       | 23 40-42-38                                   |
| 7    | 80       | 24 36-41-35                                   |
| 9    | 32       | 25 - 31-31                                    |
| 11   | 31       | 27 - 36-32-32                                 |
| 12   | 20       | 28 - 30-45-36<br>-40-44                       |
| 13   | 24       | 29 - 34-40-36                                 |
| 14   | 26-34-28 | 30 -  |
| 15   | 33       | 31 -  |
| 16   | 36       | June 1 30 } 123-94<br>17 } 100-99<br>18 } 113 |
| 17   | 35       | -do- 115 93-97-111                            |
| 18   | -        | not confirmed by<br>state Dept. H. C. H.      |
| 19   | 32       | 6/1/56 5 PM                                   |
| 20   | 22       |   |
| 21   | 21-22-25 |   |

Readings 3' above ground S/S  
 .015 ncr/hr @ 3' above  
 ground